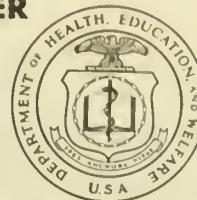


FS2.60/7/14/30

## COMMUNICABLE DISEASE CENTER



Vol. 14, No. 30

WEEKLY  
REPORTWeek Ending  
July 31, 1965

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

## PLAQUE IN NEW MEXICO

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On the morning of August 2, 1965, a report was received of a suspected case of plague in the Public Health Service Hospital in Gallup, New Mexico. The patient, a 3-year-old Indian boy, was suffering from purulent meningitis and inguinal adenitis. Material from the CSF and the affected lymph node yielded organisms morphologically compatible with *Pasteurella pestis*.

Two further cases have since been reported. One is in a 2-½-year-old Indian girl with frank meningitis and a left inguinal bubo. The other is in a 9-year-old Indian boy with a pustular lesion on his left forefinger and a left axillary bubo. Cerebro spinal fluid and purulent bubo material from the 2-½-year-old girl have yielded char-

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acteristic *Pasteurella pestis* in examinations carried out at the Special Projects Laboratory of CDC. Further laboratory investigations are proceeding.

The three patients are each from different Navajo Indian camps, two camps being within 15 miles of Gallup and one within 40 miles. Epidemiological investigations have established that two out of three of the patients

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	30th WEEK ENDED		MEDIAN 1960-1964	CUMULATIVE, FIRST 30 WEEKS		
	JULY 31, 1965	JULY 25, 1964		1965	1964	MEDIAN 1960-1964
Aseptic meningitis . . . . .	57	51	68	881	952	952
Brucellosis . . . . .	6	16	13	139	235	242
Diphtheria . . . . .	1	5	5	89	159	231
Encephalitis, primary infectious . . . . .	42	37	---	906	1,083	---
Encephalitis, post-infectious . . . . .	16	16	---	469	607	---
Hepatitis, infectious including serum hepatitis . . . . .	540	576	694	20,271	23,707	26,118
Measles . . . . .	1,171	2,534	2,601	235,133	455,168	385,955
Meningococcal infections . . . . .	46	41	35	2,128	1,752	1,402
Poliomyelitis, Total . . . . .	1	5	20	29	58	301
Paralytic . . . . .	1	5	17	23	47	213
Nonparalytic . . . . .	—	—	---	6	8	—
Unspecified . . . . .	—	—	---	—	3	—
Streptococcal Sore Throat and Scarlet fever . . . . .	3,876	4,071	3,408	261,268	267,496	219,211
Tetanus . . . . .	5	8	---	138	143	—
Tularemia . . . . .	8	6	---	145	190	—
Typhoid fever . . . . .	6	16	19	215	225	308
Rabies in Animals . . . . .	77	84	80	2,771	2,758	2,319

## NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax: . . . . .	6	Rabies in Man: . . . . .	1
Botulism: . . . . .	11	Smallpox: . . . . .	1
Leptospirosis: Ill.-2 . . . . .	22	Trichinosis: N.Y. Up-State-1, Calif.-1 . . . . .	71
Malaria: Mass.-1, N.J.-1, N.Y. City-1, Pa.-1, Ohio-1, Calif.-1	43	Typhus -	
Plague: . . . . .	—	Murine: Calif.-1, Texas-1 . . . . .	18
Psittacosis: N.Y. Up-State-1, Texas-1 . . . . .	27	Rky. Mt. Spotted: Md.-6, N.Y. Up-State-1, N.J.-1, N.C.-1,	152
Cholera: . . . . .	2	Pa.-5, Ohio-3, Va.-1, Tenn.-1	

## PLAQUE IN NEW MEXICO

(Continued from front page)

had had contact with wild rodents prior to the illness. Further field investigations are underway to determine the source of infection and the control measures which may be required.

The three patients have all made good recoveries after treatment with sulphadiazine and chloramphenicol. There is no evidence of serious neurological sequelae

in the two patients who had meningitis.

(Reported by H. Gordon Doran, D.V.M., Epidemiologist, New Mexico Department of Public Health; Dr. Robert L. Brutsché, Medical Officer in Charge, Public Health Service Indian Hospital, Gallup, New Mexico, and Dr. John Bourne, District Health Officer, District 2, New Mexico, and a team from CDC.)

## EPIDEMIOLOGIC NOTES AND REPORTS

## WESTERN EQUINE ENCEPHALITIS - Colorado

Recent Western equine encephalitis virus activity in Colorado, including isolations of virus from pools of *Culex tarsalis* mosquitoes, several confirmed cases in horses and one confirmed human case, has been reported in the last issue of the MMWR (Vol. 14, No. 29). An additional 11 suspected cases in humans, all with onsets of illness between July 13 and July 31, are currently under investigation. Of these 12 cases, including the one with serologic confirmation already reported, three are 5 years of age or younger, four are teenagers, four are

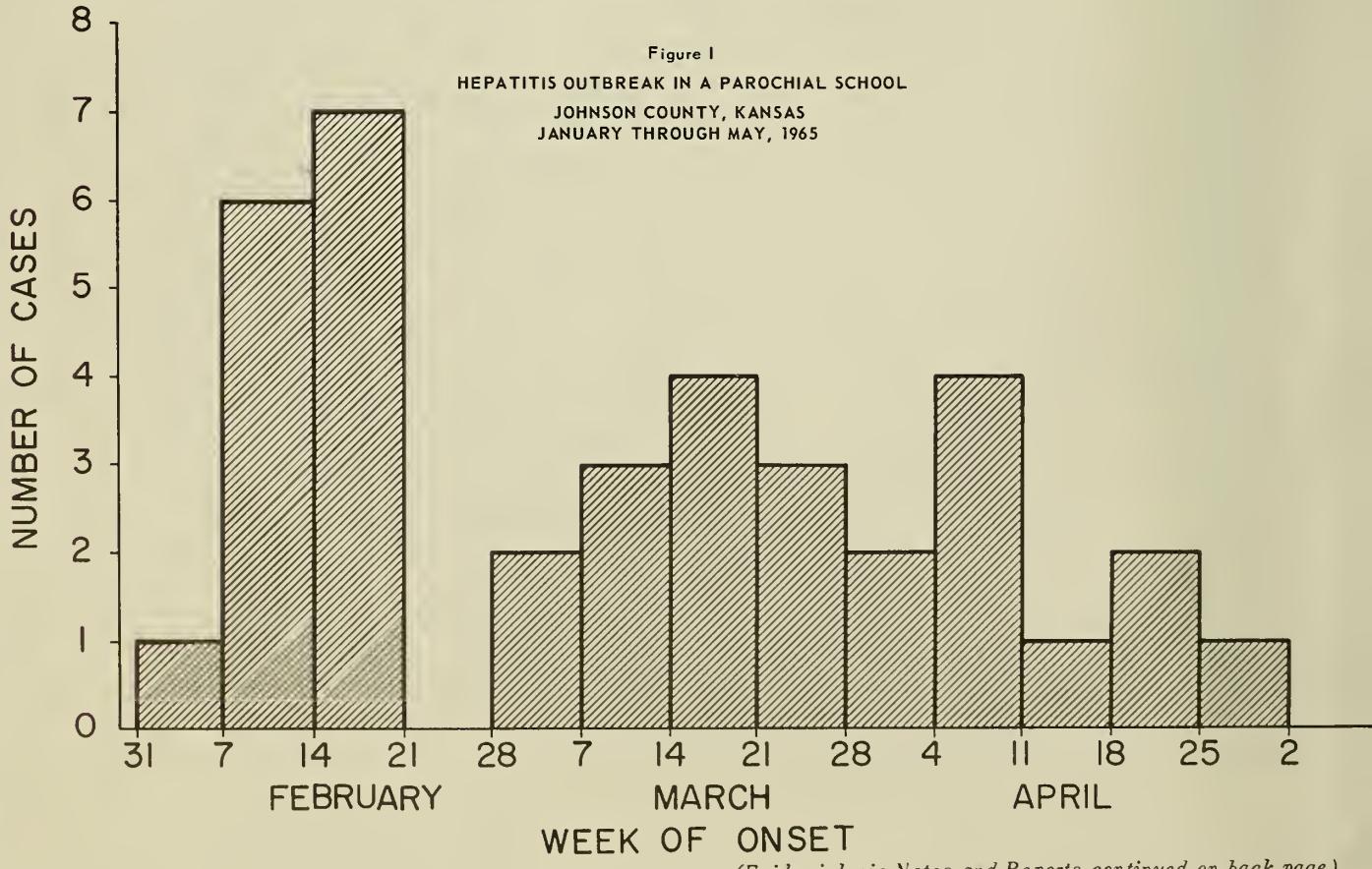
aged 22, 23, 25, and 28 respectively, and one is 45. Four cases are reported from Weld County, three from Otero County, two from Boulder County, and one each from Kit Carson, Denver, and Garfield Counties.

The number of cases of encephalitis in horses is now 93, out of which 7 are reported to have died. (Reported by Dr. C.S. Mollohan, Chief, Section of Epidemiology, Colorado State Department of Public Health and by the Disease Ecology Section, Technology Branch, CDC, Greeley, Colorado, and an EIS Officer.)

## REPORT OF A HEPATITIS OUTBREAK IN A PAROCHIAL SCHOOL - Johnson County, Kansas

Thirty-six students attending an elementary parochial school in an upper socioeconomic area of Johnson County,

Kansas, developed icteric infectious hepatitis during the months of February, March, and April 1965. No cases had



(Epidemiologic Notes and Reports continued on back page)

been reported from this school during the previous 10 years. The first case, a third-grade girl, became ill during the first week of February 1965; no further cases occurred in her classroom. During the next 2 weeks, however, 13 more cases were recognized, 8 of which were in one second-grade classroom. This sharp initial outbreak was followed by a 2-week period during which only two cases were reported. Subsequently, during the months of March and April, 20 additional cases appeared (Figure 1).

Potential common sources of infection such as food, water, and sanitary facilities were investigated intensively but there was no epidemiologic evidence to relate these factors to the outbreak. The cases, by residence, were scattered throughout the community and no secondary cases were observed among neighbors of affected children. In several instances, secondary cases did appear among the siblings although all family contacts of known cases were given gamma globulin.

The epidemic curve shows two distinct groups of

cases. The concentration of cases during a short period of time which characterized the first group undoubtedly suggests that these infections were acquired from a common source. Supporting this hypothesis is the fact that during the outbreak there were no cases of hepatitis in the community as a whole which could not be traced directly to the school. The epidemic curve also suggests that the second group of cases, occurring approximately one month after the first case, was caused by exposure to the first group.

The source of infection of the first case has not been traced, but the epidemiological evidence indicates that the outbreak was primarily limited to the school and that the infection was spread by person-to-person contact. (Reported by Dr. Robert F. Cavitt, Director, Johnson County Health Department; Dr. Don E. Wilcox, Director, Division of Communicable Disease, Kansas State Department of Health; and the Kansas City Field Station, CDC.)

### HEPATITIS 1964-65 — Surveillance Summary

The total cases and incidence of viral hepatitis per 100,000 population in the last two quarters of the epidemiological year 1964-65\* are the lowest reported since 1959-60. The continuing decline in incidence since the 1960-61 peak year is evident in Figure I.

There were 10,287 cases of viral hepatitis reported in the United States during the winter quarter and 7,877 cases reported during the spring quarter of the epidemiological year 1964-65. This represents rates of 5.4 and 4.1 per 100,000 population for these two quarters, respectively. The total of reported cases for the 12-month period is 34,342, and represents an annual incidence of 17.9 cases per 100,000 population (Table I).

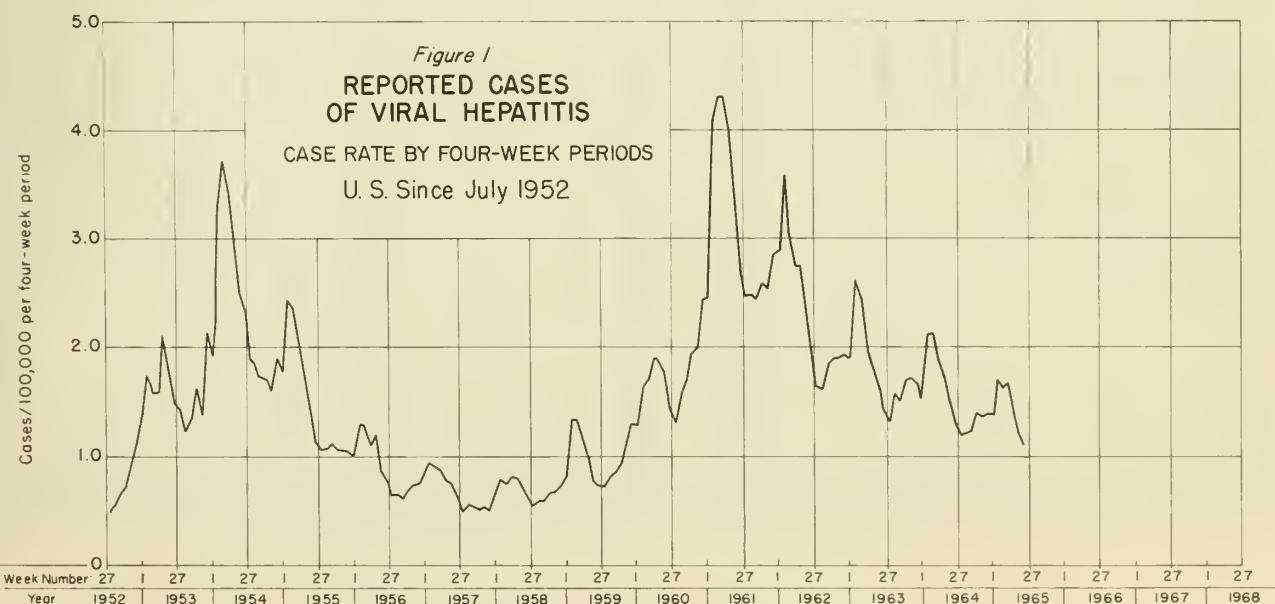
\*Hepatitis morbidity data are most conveniently summarized in terms of an "epidemiological year" which runs from the 27th week of the current year through the 26th week of the succeeding year.

Table I — Reported Cases of Hepatitis, 1958-59 — 1964-65

Epidemiological Year	Summer Quarter	Fall Quarter	Winter Quarter	Spring Quarter	Total
1958-59	3,403	4,028	7,169	4,902	19,502
1959-60	4,700	6,026	9,793	9,917	30,436
1960-61	8,940	12,403	23,026	19,898	65,267
1961-62	14,229	15,580	17,995	13,533	61,337
1962-63	10,272	11,330	13,848	9,864	45,314
1963-64	8,969	10,250	12,118	9,320	40,657
1964-65	7,581	8,597	10,287	7,877	34,342

Incidence per 100,000 Population per Quarter

1958-59	2.0	2.3	4.0	2.8	11.1
1959-60	2.7	3.4	5.5	5.5	17.1
1960-61	5.0	6.9	12.8	11.1	35.8
1961-62	7.9	8.7	9.8	7.4	33.8
1962-63	5.6	6.2	7.4	5.3	24.5
1963-64	4.8	5.4	6.4	4.9	21.6
1964-65	4.0	4.5	5.4	4.1	17.9



CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
 FOR WEEKS ENDED  
 JULY 31, 1965 AND JULY 25, 1964 (30th WEEK)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
 FOR WEEKS ENDED  
 JULY 31, 1965 AND JULY 25, 1961 (30th WEEK) - Continued

Area	Brucel-losis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals		1965	Cumulative		1965	Cum.
			1965	1965	1965	1964		1965	1964		
UNITED STATES...	6	540	243	265	20,271	23,707	46	2,128	1,752	5	138
NEW ENGLAND...	-	17	5	12	1,208	2,320	3	109	48	-	5
Maine.....	-	2	-	2	225	760	2	16	5	-	-
New Hampshire.....	-	1	1	-	112	168	-	5	1	-	1
Vermont.....	-	2	1	1	69	292	-	6	1	-	-
Massachusetts.....	-	7	2	5	470	481	1	35	19	-	3
Rhode Island.....	-	1	-	1	148	125	-	14	7	-	-
Connecticut.....	-	4	1	3	184	494	-	33	15	-	1
MIDDLE ATLANTIC.....	-	96	43	53	3,579	5,354	3	281	213	1	9
New York City.....	-	21	6	15	686	803	-	49	31	-	-
New York, Up-State.....	-	23	8	15	1,413	2,409	1	76	62	1	4
New Jersey.....	-	26	15	11	667	958	1	75	72	-	-
Pennsylvania.....	-	26	14	12	813	1,184	1	81	48	-	5
EAST NORTH CENTRAL.....	-	91	43	43	3,883	3,639	6	286	241	1	14
Ohio.....	-	23	10	12	1,085	953	2	75	64	-	1
Indiana.....	-	9	-	8	339	323	1	39	37	-	6
Illinois.....	-	29	15	11	734	636	2	75	61	1	5
Michigan.....	-	28	16	12	1,480	1,450	-	62	53	-	-
Wisconsin.....	-	2	2	-	245	277	1	35	26	-	2
WEST NORTH CENTRAL.....	1	29	10	18	1,249	1,296	2	109	110	1	10
Minnesota.....	-	5	2	2	124	132	1	22	26	1	7
Iowa.....	1	4	3	1	456	180	-	7	6	-	1
Missouri.....	-	10	3	7	269	327	1	50	53	-	1
North Dakota.....	-	-	-	-	17	51	-	7	12	-	-
South Dakota.....	-	1	1	-	17	108	-	2	-	-	-
Nebraska.....	-	-	-	-	43	33	-	10	6	-	1
Kansas.....	-	9	1	8	323	465	-	11	7	-	-
SOUTH ATLANTIC.....	4	48	20	28	2,070	2,225	11	418	371	-	37
Delaware.....	-	-	-	-	59	42	1	6	6	-	-
Maryland.....	-	7	1	6	382	424	1	39	25	-	1
Dist. of Columbia..	-	1	1	-	27	35	-	8	12	-	-
Virginia.....	-	5	4	1	473	349	1	49	43	-	7
West Virginia.....	-	8	5	3	310	351	-	24	26	-	1
North Carolina.....	-	15	7	8	191	397	4	82	64	-	5
South Carolina.....	-	-	-	-	82	76	-	56	49	-	3
Georgia.....	4	2	-	2	78	55	-	53	51	-	4
Florida.....	-	10	2	8	468	496	4	101	95	-	16
EAST SOUTH CENTRAL.....	-	33	9	18	1,445	1,666	3	167	154	-	20
Kentucky.....	-	15	1	8	511	663	1	68	52	-	6
Tennessee.....	-	10	5	5	507	561	1	49	51	-	5
Alabama.....	-	7	3	4	247	293	-	30	33	-	8
Mississippi.....	-	1	-	1	180	149	1	20	18	-	1
WEST SOUTH CENTRAL.....	-	63	39	22	1,779	1,757	4	296	211	2	27
Arkansas.....	-	4	1	3	233	180	-	14	19	-	6
Louisiana.....	-	9	4	5	302	401	2	165	103	-	4
Oklahoma.....	-	2	-	1	42	94	-	18	7	-	1
Texas.....	-	48	34	13	1,202	1,082	2	99	82	2	16
MOUNTAIN.....	-	41	15	8	1,196	1,444	3	65	62	-	3
Montana.....	-	1	-	1	87	127	-	2	-	-	-
Idaho.....	-	2	-	-	162	169	-	8	3	-	-
Wyoming.....	-	1	-	1	34	45	-	4	3	-	-
Colorado.....	-	14	8	6	253	394	-	13	11	-	2
New Mexico.....	-	11	7	-	257	202	-	10	26	-	-
Arizona.....	-	11	-	-	237	338	-	16	5	-	1
Utah.....	-	1	-	-	159	127	3	10	6	-	-
Nevada.....	-	-	-	-	7	42	-	2	8	-	-
PACIFIC.....	1	122	59	63	3,862	4,006	11	397	342	-	13
Washington.....	-	8	5	3	305	450	1	32	25	-	-
Oregon.....	-	16	9	7	325	451	-	28	20	-	3
California.....	1	97	44	53	3,035	2,899	8	315	279	-	10
Alaska.....	-	1	1	-	165	126	2	15	7	-	-
Hawaii.....	-	-	-	-	32	80	-	7	11	-	-
Puerto Rico	-	15	12	3	786	591	-	5	30	-	24

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
 FOR WEEKS ENDED  
 JULY 31, 1965 AND JULY 25, 1964 (30th WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals		
	1965	Cumulative			1965	1965	1965	1965	1965	1965	
		1965	1964								
UNITED STATES...	1,171	235,133	455,168	3,876	8	145	6	215	77	2,771	
NEW ENGLAND.....	40	36,586	16,241	320	-	-	-	-	2	32	
Maine.....	-	2,764	2,840	30	-	-	-	-	-	3	
New Hampshire.....	-	381	240	-	-	-	-	-	-	1	
Vermont.....	1	1,245	2,267	2	-	-	-	-	2	26	
Massachusetts.....	21	19,184	4,997	34	-	-	-	-	-	1	
Rhode Island.....	3	3,888	1,893	18	-	-	-	-	-	-	
Connecticut.....	15	9,124	4,004	236	-	-	-	-	-	1	
MIDDLE ATLANTIC.....	149	14,203	51,509	112	-	-	1	36	4	113	
New York City.....	49	2,156	15,159	4	-	-	1	18	-	-	
New York, up-State.....	27	3,990	12,392	80	-	-	-	10	3	101	
New Jersey.....	48	2,437	12,082	24	-	-	-	2	-	-	
Pennsylvania.....	25	5,620	11,876	4	-	-	-	6	1	12	
EAST NORTH CENTRAL...	472	54,025	101,531	340	-	11	-	32	11	418	
Ohio.....	29	8,770	19,409	11	-	-	-	7	6	216	
Indiana.....	19	1,734	22,506	65	-	4	-	9	1	40	
Illinois.....	28	2,500	16,467	40	-	5	-	7	1	73	
Michigan.....	124	25,928	28,528	181	-	1	-	4	1	41	
Wisconsin.....	272	15,093	14,621	43	-	1	-	5	2	48	
WEST NORTH CENTRAL...	18	16,278	30,014	110	-	15	-	6	23	573	
Minnesota.....	-	619	329	1	-	1	-	-	8	119	
Iowa.....	2	8,940	23,195	27	-	-	-	1	3	163	
Missouri.....	3	2,555	1,006	5	-	10	-	4	3	77	
North Dakota.....	11	3,604	4,663	57	-	-	-	-	5	38	
South Dakota.....	2	111	9	2	-	2	-	-	2	41	
Nebraska.....	-	449	812	-	-	-	-	1	-	31	
Kansas.....	NN	NN	NN	18	-	2	-	-	2	104	
SOUTH ATLANTIC.....	117	24,145	37,784	292	1	28	1	45	18	386	
Delaware.....	1	499	404	4	-	-	-	4	-	-	
Maryland.....	13	1,107	3,386	11	-	-	-	14	2	11	
Dist. of Columbia.....	1	72	353	5	-	-	-	-	-	-	
Virginia.....	19	3,785	12,645	124	-	5	-	3	5	262	
West Virginia.....	79	13,365	8,434	127	-	-	1	2	1	18	
North Carolina.....	3	375	1,147	8	1	6	-	13	-	2	
South Carolina.....	1	1,005	4,219	12	-	3	-	4	-	2	
Georgia.....	-	612	177	1	-	14	-	2	4	40	
Florida.....	-	3,325	7,019	-	-	-	-	3	6	51	
EAST SOUTH CENTRAL...	51	13,485	67,062	874	2	18	2	23	10	620	
Kentucky.....	6	2,400	18,366	21	-	3	-	6	1	61	
Tennessee.....	25	7,711	23,742	809	2	14	1	8	4	541	
Alabama.....	5	2,280	18,277	36	-	1	1	5	2	12	
Mississippi.....	15	1,094	6,677	8	-	-	-	4	3	6	
WEST SOUTH CENTRAL...	114	30,252	71,129	542	3	53	-	30	5	434	
Arkansas.....	1	1,081	1,105	-	2	35	-	10	2	61	
Louisiana.....	5	99	97	-	1	2	-	5	-	65	
Oklahoma.....	-	201	993	23	-	8	-	2	1	77	
Texas.....	108	28,871	68,934	519	-	8	-	13	2	231	
MOUNTAIN.....	112	19,316	17,814	814	1	14	1	15	-	55	
Montana.....	4	3,651	2,891	16	1	3	-	-	-	3	
Idaho.....	32	2,722	1,833	55	-	-	-	-	-	-	
Wyoming.....	1	840	242	9	-	3	-	1	-	-	
Colorado.....	38	5,562	3,091	332	-	-	-	-	-	7	
New Mexico.....	7	670	420	223	-	-	1	9	-	11	
Arizona.....	17	1,216	6,445	92	-	-	-	5	-	33	
Utah.....	13	4,453	1,912	87	-	8	-	-	-	1	
Nevada.....	-	202	980	-	-	-	-	-	-	-	
PACIFIC.....	98	26,843	62,084	472	1	6	1	25	4	140	
Washington.....	10	7,205	19,938	-	-	-	-	2	-	6	
Oregon.....	13	3,146	8,403	11	-	2	-	3	-	3	
California.....	54	12,667	32,221	394	1	4	1	19	4	129	
Alaska.....	7	149	1,077	39	-	-	-	-	-	2	
Hawaii.....	14	3,676	445	28	-	-	-	1	-	-	
Puerto Rico	33	2,213	5,449	3	-	-	-	3	1	12	

## DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JULY 31, 1965

30th Week

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	691	415	24	35	Atlanta, Ga.	1,136	541	38	87
Bridgeport, Conn.	236	133	7	7	Baltimore, Md.	133	60	4	19
Cambridge, Mass.	35	22	5	1	Charlotte, N. C.	237	107	5	6
Fall River, Mass.	26	16	-	1	Jacksonville, Fla.	33	19	1	-
Hartford, Conn.	25	16	-	2	Miami, Fla.	61	26	-	5
Lowell, Mass.	54	34	2	3	Norfolk, Va.	86	40	1	2
Lynn, Mass.	28	15	-	1	Richmond, Va.	95	51	3	5
New Bedford, Mass.	16	11	-	1	Savannah, Ga.	30	13	1	5
New Haven, Conn.	29	22	2	-	St. Petersburg, Fla.	80	62	6	5
Providence, R. I.	49	27	-	6	Tampa, Fla.	62	37	5	1
Somerville, Mass.	54	35	-	3	Washington, D. C.	220	79	9	33
Springfield, Mass.	11	8	1	-	Wilmington, Del.	50	24	1	4
Waterbury, Conn.	38	19	3	4					
Worcester, Mass.	28	16	-	3					
	62	41	4	3					
MIDDLE ATLANTIC:	3,110	1,794	120	158	EAST SOUTH CENTRAL:	637	336	28	32
Albany, N. Y.	58	30	2	4	Birmingham, Ala.	102	40	1	5
Allentown, Pa.	30	19	1	-	Chattanooga, Tenn.	68	31	2	4
Buffalo, N. Y.	140	79	5	7	Knoxville, Tenn.	43	29	1	1
Camden, N. J.	42	25	-	1	Louisville, Ky.*	126	72	9	6
Elizabeth, N. J.	31	22	-	1	Memphis, Tenn.	142	83	7	6
Erie, Pa.	38	28	4	1	Mobile, Ala.	39	10	3	7
Jersey City, N. J.	76	41	3	7	Montgomery, Ala.	24	17	4	1
Newark, N. J.	85	49	1	5	Nashville, Tenn.	93	54	1	2
New York City, N. Y.	1,578	915	62	78	WEST SOUTH CENTRAL:	1,024	507	39	85
Paterson, N. J.	31	14	2	4	Austin, Tex.	39	25	6	1
Philadelphia, Pa.	428	233	9	23	Baton Rouge, La.	33	17	2	2
Pittsburgh, Pa.	167	82	4	9	Corpus Christi, Tex.	19	9	-	3
Reading, Pa.	89	55	12	3	Dallas, Tex.	145	71	3	13
Rochester, N. Y.	93	52	5	5	El Paso, Tex.*	36	17	2	5
Schenectady, N. Y.	30	18	1	1	Fort Worth, Tex.	79	45	2	7
Scranton, Pa.	36	26	1	2	Houston, Tex.	104	37	1	10
Syracuse, N. Y.	60	38	1	5	Little Rock, Ark.	66	28	2	4
Trenton, N. J.	38	24	2	1	New Orleans, La.	173	91	5	9
Utica, N. Y.	31	25	3	-	Oklahoma City, Okla.	102	50	2	7
Yonkers, N. Y.	29	19	2	1	San Antonio, Tex.	99	58	4	13
EAST NORTH CENTRAL:	2,548	1,409	95	134	Shreveport, La.	73	28	7	8
Akron, Ohio	61	37	-	-	Tulsa, Okla.*	56	31	3	3
Canton, Ohio	33	21	3	3	MOUNTAIN:	395	227	14	20
Chicago, Ill.	828	435	39	55	Albuquerque, N. Mex.	41	21	2	1
Cincinnati, Ohio	140	85	5	-	Colorado Springs, Colo.	20	15	4	-
Cleveland, Ohio	198	103	5	14	Denver, Colo.	112	65	5	10
Columbus, Ohio	106	54	3	5	Ogden, Utah	13	8	1	1
Dayton, Ohio	81	46	1	4	Phoenix, Ariz.	94	53	1	4
Detroit, Mich.	325	161	6	20	Pueblo, Colo.	9	5	-	-
Evansville, Ind.	44	25	2	1	Salt Lake City, Utah	51	28	1	3
Flint, Mich.	50	29	1	1	Tucson, Ariz.	55	32	-	1
Fort Wayne, Ind.	37	18	3	2	PACIFIC:	1,714	1,000	43	92
Gary, Ind.*	31	14	2	3	Berkeley, Calif.	15	12	-	-
Grand Rapids, Mich.	42	30	4	2	Fresno, Calif.	42	21	1	6
Indianapolis, Ind.	139	77	5	7	Glendale, Calif.	50	33	2	1
Madison, Wis.	46	27	-	3	Honolulu, Hawaii	45	22	-	3
Milwaukee, Wis.	116	75	2	9	Long Beach, Calif.	70	38	-	3
Peoria, Ill.	32	20	-	1	Los Angeles, Calif.	612	350	24	38
Rockford, Ill.	38	23	6	1	Oakland, Calif.	128	80	3	2
South Bend, Ind.	45	30	4	2	Pasadena, Calif.	27	21	-	1
Toledo, Ohio	98	64	4	1	Portland, Oreg.	101	58	-	7
Youngstown, Ohio	58	35	-	-	Sacramento, Calif.*	69	41	2	4
WEST NORTH CENTRAL:	813	497	29	45	San Diego, Calif.	102	57	2	6
Des Moines, Iowa	59	42	1	1	San Francisco, Calif.	194	109	3	15
Duluth, Minn.	24	16	-	-	San Jose, Calif.	29	21	1	1
Kansas City, Kans.	53	25	3	5	Seattle, Wash.	152	89	4	4
Kansas City, Mo.	125	81	5	6	Spokane, Wash.	45	24	-	1
Lincoln, Nebr.	16	12	2	-	Tacoma, Wash.	33	24	1	-
Minneapolis, Minn.	122	72	1	12	Total	12,068	6,726	430	688
Omaha, Nebr.	69	45	1	4					
St. Louis, Mo.	231	133	10	9	Cumulative Totals				
St. Paul, Minn.	60	43	2	2	including reported corrections for previous weeks				
Wichita, Kans.	54	28	4	6	All Causes, All Ages	378,160			

\*Estimate - based on average percent of divisional total.

All Causes, All Ages	378,160
All Causes, Age 65 and over	214,315
Pneumonia and Influenza, All Ages	16,118
All Causes, Under 1 Year of Age	22,423



## ENCEPHALITIS IN HORSES - North Carolina

## Preliminary Note

An increasing incidence of encephalitis in horses has been reported from North Carolina. In the area involved there have been heavy rains, with some flooding, followed by abundant mosquito breeding. During a 10-day period at the end of July there have been about 100 deaths in horses due to equine encephalitis. Of these deaths, 80 occurred during the last 7 days of the month. To date no human cases have been reported.

Autopsy specimens of CNS tissue from two horses dying of encephalitis are currently under study at the State Health Department Laboratories.

(Reported by Dr. Ronald Levine, Chief, Communicable Disease Control Section, Division of Epidemiology, North Carolina State Board of Health.)

## INTERNATIONAL NOTES - QUARANTINE MEASURES

*Immunization Information for International Travel*  
1963-64 edition - Public Health Service Publication No. 384

The following change should be made in the list of Yellow Fever Vaccination Centers in Section 6:

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## DELETE

**City:** Miami, Florida

**Center:** Pan American World Airways, Inc.  
Medical Dept.  
5300 N.W. 36 Street  
Telephone 637-2802

**Clinic Hours:** Friday, 8-9 a.m.

**Fee:** No

## ADD

**City:** Miami, Florida

**Center:** Pan American World Airways, Inc.  
Medical Dept.  
5300 N.W. 36 Street  
Telephone 637-2802

**Clinic Hours:** Friday, 9-10 a.m.

**Fee:** Yes

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 14,000, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

CHIEF, COMMUNICABLE DISEASE CENTER  
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ACTING CHIEF, STATISTICS SECTION  
CHIEF, SURVEILLANCE SECTION

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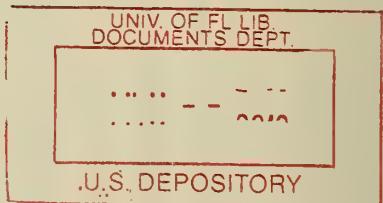
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THE EDITOR  
MORBIDITY AND MORTALITY WEEKLY REPORT  
COMMUNICABLE DISEASE CENTER  
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U. S. DEPARTMENT OF  
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PUBLIC HEALTH SERVICE  
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